

AS



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/831,580

DATE: 02/25/2002
TIME: 10:09:35

Input Set : A:\20332P SeqList.txt
Output Set: N:\CRF3\02252002\I831580.raw

4 <110> APPLICANT: LIU, QINGYUN
 5 WANG, RUIPING
 6 BAILEY, WENDY
 7 DAVIDOFF, MICHAEL
 9 <120> TITLE OF INVENTION: G PROTEIN COUPLED RECEPTOR RESEMBLING
 THE LEUKOTRIENE B4 RECEPTOR
 10
 13 <130> FILE REFERENCE: 20332P
 15 <140> CURRENT APPLICATION NUMBER: 09/831,580
 16 <141> CURRENT FILING DATE: 2001-09-24
 18 <150> PRIOR APPLICATION NUMBER: 60/108,111
 19 <151> PRIOR FILING DATE: 1998-11-12
 21 <150> PRIOR APPLICATION NUMBER: PCT/US99/26303
 22 <151> PRIOR FILING DATE: 1999-11-08
 24 <160> NUMBER OF SEQ ID NOS: 5
 26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 1550
 30 <212> TYPE: DNA
 31 <213> ORGANISM: Homo Sapiens
 33 <400> SEQUENCE: 1

34	tctggaaagg aggccaggag tggggcaggt caactgactg ggagcagggg atctgggttc	60
35	caagaaggag ttgtgtttga ggtggggct gggtcctcggt gaaagtcaagg actcccaaggc	120
36	agaaaaagagg caggctgcag ggaagtaagg aggaggcatg gcacccatc atcgggcata	180
37	acaggtgggg ttttccccca ccctctgaacg ccctctgtgg cgccctccac ccacctgttag	240
38	gcccagaagg atgtcggttct gtcaccgtcc cccagggAAC gagacactgc tgagctggaa	300
39	gacttcggcg gccacaggca cagccatctct gctgtggcg gctgtgtgg ggctgcgtgg	360
40	caacggtttc gtgggtgtgg aattgggggg ctgggggtt gcaaggggggc gacgggtggc	420
41	ggcaacgtttt gtgttgccacc tggcgctggc cgacggcgcg gtgtgtgtgc tcacccgttt	480
42	ttttgtggcc ttcttgacc cggaggcttgc gcccgtggc caggcggttgc gcaaggcggt	540
43	gtactaactgt tgccgcgtca gcatgtacgc cagcggtgttgc ctcaacggcc tgcgtcgttgc	600
44	tttgcgttgc cccggccattt ctgggggtt cgggtggcgca gcccggccatt	660
45	ggccggccgttctgttgcggatgggttgcggatggccatttgc ttgtgtggcg tccggggccgtt	720
46	gtgttacggc cccatgtggc gggccgggtt atggccgttgc tgcgttgcgttgcggatggcc	780
47	ggccggccgttgc acatgtggcc tggagacttgc gacgggttgc ttgtgttgcgttgcggatggcc	840
48	gtctgggttgtc tacagcggtgtca cgttggccatg gctggggggc gggcggtggg gttccgggggg	900
49	gcaacggggcg cgggtggggcc ggtctgggttag cgccatgtgttgc ttgtgttgcgttgcggatggcc	960
50	ggcccccattac caacgggttgc acatgttgc ggcgggttgc gatgtggcc tccggaaagg	1020
51	ggccgtggcc aatgtggggc gacggggcc ggcggggcc gggggaaacta cggccatttgc	1080
52	tttgcgttgc ttcacgttgc aacccgggttgc ttcacgttgc aacccgttgcgttgc gatgtgttgc	1140
53	ccggggcagggt cccatgttgc ttcacgttgc ttcacgttgc gatgtgttgc gatgtgttgc	1200
54	cgcccggttgc agggaaaggca ccatgggttgc cccaaacttgc ttcacgttgc aatgtgttgc	1260
55	tttgcgttgc ttcacgttgc aacccgggttgc ttcacgttgc gatgtgttgc gatgtgttgc	1320

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57 ccctccagag gtcagtgttc tgggacattt ggggaccctt ctttgactag agtttggatc 1440
 58 tggctggta ggatttagtat acacttgggg caggcccagg ctcctc>aaa ctgagggatt 1500
 59 atgagggtgg tgatggccc tgttaaggac tatttgtgc ttgcaagttg 1550
 61 <210> SEQ ID NO: 2
 62 <211> LENGTH: 389
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Homo Sapiens
 66 <400> SEQUENCE: 2
 67 Met Ala Pro Ser His Arg Ala Ser Gln Val Gly Phe Cys Pro Thr Pro
 68 1 5 10 15
 69 Glu Arg Pro Leu Trp Arg Leu Pro Pro Thr Cys Arg Pro Arg Arg Met
 70 20 25 30
 71 Ser Val Cys Tyr Arg Pro Pro Gly Asn Glu Thr Leu Leu Ser Trp Lys
 72 35 40 45
 73 Thr Ser Arg Ala Thr Gly Thr Ala Phe Leu Leu Ala Ala Leu Leu
 74 50 55 60
 75 Gly Leu Pro Gly Asn Gly Phe Val Val Trp Ser Leu Ala Gly Trp Arg
 76 65 70 75 80
 77 Leu Ala Arg Gly Arg Pro Leu Ala Ala Thr Leu Val Leu His Leu Ala
 78 85 90 95
 79 Leu Ala Asp Gly Ala Val Leu Leu Leu Thr Pro Phe Phe Val Ala Phe
 80 100 105 110
 81 Leu Thr Arg Gln Ala Trp Pro Leu Gly Gln Ala Gly Cys Lys Ala Val
 82 115 120 125
 83 Tyr Tyr Val Cys Ala Leu Ser Met Tyr Ala Ser Val Leu Leu Thr Gly
 84 130 135 140
 85 Leu Leu Ser Leu Gln Arg Cys Phe Ala Val Thr Arg Pro Phe Leu Ala
 86 145 150 155 160
 87 Leu Arg Leu Arg Ser Pro Ala Leu Ala Arg Arg Leu Leu Ala Val
 88 165 170 175
 89 Trp Leu Ala Ala Leu Leu Ala Val Pro Ala Ala Val Tyr Arg His
 90 180 185 190
 91 Leu Trp Arg Asp Arg Val Cys Gln Leu Cys His Pro Ser Pro Val His
 92 195 200 205
 93 Ala Ala Ala His Leu Ser Leu Glu Thr Leu Thr Ala Phe Val Leu Pro
 94 210 215 220
 95 Phe Gly Leu Met Leu Gly Cys Tyr Ser Val Thr Leu Ala Arg Leu Arg
 96 225 230 235 240
 97 Gly Ala Arg Trp Gly Ser Gly Arg His Gly Ala Arg Val Gly Arg Leu
 98 245 250 255
 99 Val Ser Ala Ile Val Leu Ala Phe Gly Leu Leu Trp Ala Pro Tyr His
 100 260 265 270
 101 Ala Val Asn Leu Leu Gln Ala Val Ala Ala Leu Ala Pro Pro Glu Gly
 102 275 280 285
 103 Ala Leu Ala Lys Leu Gly Gly Ala Gly Gln Ala Ala Arg Ala Gly Thr
 104 290 295 300
 105 Thr Ala Leu Ala Phe Phe Ser Ser Ser Val Asn Pro Val Leu Tyr Val
 106 305 310 315 320
 107 Phe Thr Ala Gly Asp Leu Leu Pro Arg Ala Gly Pro Arg Phe Leu Thr

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108	325	330	335
109 Arg	Leu Phe Glu Gly Ser Gly Glu Ala Arg Gly Gly Arg Ser Arg		
110	340	345	350
111 Glu Gly	Thr Met Glu Leu Arg Thr Thr Pro Gln Leu Lys Val Val Gly		
112	355	360	365
113 Gln Gly Arg Gly Asn Gly Asp Pro Gly Gly Gly Met Glu Lys Asp Gly			
114	370	375	380
115 Pro Glu Trp Asp Leu			
116	385		
118 ::210:: SEQ ID NO: 3			
119 ::211:: LENGTH: 352			
120 ::212:: TYPE: PRT			
121 ::213:: ORGANISM: Homo Sapiens			
123 ::400:: SEQUENCE: 3			
124 Met Asn Thr Thr Ser Ser Ala Ala Pro Pro Ser Leu Gly Val Glu Phe			
125 1	5	10	15
126 Ile Ser Leu Leu Ala Ile Ile Leu Leu Ser Val Ala Leu Ala Val Gly			
127	20	25	30
128 Leu Pro Gly Asn Ser Phe Val Val Trp Ser Ile Leu Lys Arg Met Gln			
129	35	40	45
130 Lys Arg Ser Val Thr Ala Leu Met Val Leu Asn Leu Ala Leu Ala Asp			
131	50	55	60
132 Leu Ala Val Leu Leu Thr Ala Pro Phe Phe Leu His Phe Leu Ala Gln			
133 65	70	75	80
134 Gly Thr Trp Ser Phe Gly Leu Ala Gly Cys Arg Leu Cys His Tyr Val			
135	85	90	95
136 Cys Gly Val Ser Met Tyr Ala Ser Val Leu Leu Ile Thr Ala Met Ser			
137	100	105	110
138 Leu Asp Arg Ser Leu Ala Val Ala Arg Pro Phe Val Ser Gln Lys Leu			
139	115	120	125
140 Arg Thr Lys Ala Met Ala Arg Arg Val Leu Ala Gly Ile Trp Val Leu			
141	130	135	140
142 Ser Phe Leu Leu Ala Thr Pro Val Leu Ala Tyr Arg Thr Val Val Pro			
143 145	150	155	160
144 Trp Lys Thr Asn Met Ser Leu Cys Phe Pro Arg Tyr Pro Ser Glu Gly			
145	165	170	175
146 His Arg Ala Phe His Leu Ile Phe Glu Ala Val Thr Gly Phe Leu Leu			
147	180	185	190
148 Pro Phe Leu Ala Val Val Ala Ser Tyr Ser Asp Ile Gly Arg Arg Leu			
149	195	200	205
150 Gln Ala Arg Arg Phe Arg Arg Ser Arg Arg Thr Gly Arg Leu Val Val			
151	210	215	220
152 Leu Ile Ile Leu Thr Phe Ala Ala Phe Trp Leu Pro Tyr His Val Val			
153 225	230	235	240
154 Asn Leu Ala Glu Ala Gly Arg Ala Leu Ala Gly Gln Ala Ala Gly Leu			
155	245	250	255
156 Gly Leu Val Gly Lys Arg Leu Ser Leu Ala Arg Asn Val Leu Ile Val			
157	260	265	270
158 Leu Ala Phe Leu Ser Ser Val Asn Pro Val Leu Tyr Ala Cys Ala			

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159	275	280	285													
160	Gly	Gly	Leu	Val	Arg	Ser	Ala	Gly	Val	Phe	Val	Ala	Lys	Leu		
161	290	295	300													
162	Leu	Glu	Gly	Thr	Gly	Ser	Glu	Ala	Ser	Ser	Thr	Arg	Arg	Gly	Ser	
163	305	310	315	320												
164	Leu	Gly	Gln	Thr	Ala	Arg	Ser	Gly	Pro	Ala	Ala	Leu	Glu	Pro	Gly	Pro
165	325	330	335													
166	Ser	Glu	Ser	Leu	Thr	Ala	Ser	Ser	Pro	Leu	Lys	Leu	Asn	Glu	Leu	Asn
167	340	345	350													
169	>210> SEQ ID NO: 4															
170	>211> LENGTH: 33															
171	>212> TYPE: DNA															
172	>213> ORGANISM: Homo Sapiens															
174	>400> SEQUENCE: 4															
175	cgcggatccg	ccatcatggc	accttctcat	cg	33											
177	>210> SEQ ID NO: 5															
178	>211> LENGTH: 27															
179	>212> TYPE: DNA															
180	>213> ORGANISM: Homo Sapiens															
182	>400> SEQUENCE: 5															
183	gcgggatccc	caaaggtccc	attccgg	27												

VERIFICATION SUMMARY

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Input Set : A:\20332P SeqList.txt

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